

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Vignils 22313-1450 www.usplo.gov



Bib Data Sheet

CONFIRMATION NO. 7749

SERIAL NUMBE 10/686,773	FILING DATE 10/17/2003 RULE	CLASS 073		P ART UNIT 2855		ATTORNEY DOCKET NO. 2635-186		
APPLICANTS								
Toshihiro Sakawa, Toyohashi-shi, JAPAN;								
Daisuke Makino, Ichinomiya-shi, JAPAN; Hiroo Imamura, Okazaki-shi, JAPAN;Fumihiko Sato, Susono-shi, JAPAN; Katsuya Hirai, Susono-shi, JAPAN;								
** CONTINUING DATA **********************************								
** FOREIGN APPLICATIONS ************************************								
IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 01/16/2004								
Foreign Priority claimed 35 USC 119 (a-d) conditionet		STATE OR	SHEE	тѕ тс	DTAL	INDEPENDENT		
Met Verified and Acknowledged	Allowance Examiner's Supharure Ini	country JAPAN	DRAWI 17		AIMS 36	CLAIMS 5		
ADDRESS 23117 NIXON & VANDER 901 NORTH GLEE ARLINGTON, VA 22203	BE ROAD, 11TH FLOOR							
TITLE Air-fuel ratio senso)r							
			ַר	☐ All Fees				
	٦	1.16 Fees	s (Filing	j)				
FILING FEE FEES: Authority has been given in Paper				☐ 1.17 Fees (Processing Ext. of				

RECEIVED 1648	No to charge/credit DEPOSIT ACCOUNT No for following:	time) 1.18 Fees (Issue)		
		Other		